

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/03563

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04L 12/26
US CL : 370/252, 335, 337, 342; 455/456, 457, 466

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 370/252, 335, 337, 342; 455/456, 457, 466

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,353,743 A (KARMEL) 05 March 2002 (05.03.2002), see the entire document.	1-41
Y	US 6,369,751 A (NARUSE) 09 April 2002 (09.04.2002), see the entire document.	1-41
A	6,453,237 A (FUCHS et al.) 17 September 2002 (17.09.2002), see the entire document.	1-41

Further documents are listed in the continuation of Box C.

See patent family annex.

• Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

15 May 2005 (15.05.2005)

Date of mailing of the international search report

09 JUN 2005

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230

Authorized officer

Toan Nguyen

Telephone No. 703-872-9306

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US05/03563

Continuation of B. FIELDS SEARCHED Item 3:
EAST

(user or subscriber or mobile) with (perform\$3 or calculat\$3 or determin\$3) with location
obtain\$3 with fix\$3 with position

VIII-2-1	<p>Declaration: Entitlement to apply for and be granted a patent</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:</p> <p>Name (LAST, First)</p>	<p>in relation to this international application</p> <p>QUALCOMM Incorporated is entitled to apply for and be granted a patent by virtue of the following:</p>
VIII-2-1(i) i)		QUALCOMM Incorporated is entitled as employer of the inventor, BURROUGHS, Kirk
VIII-2-1(i) x)	This declaration is made for the purposes of:	all designations

VIII-3-1	<p>Declaration: Entitlement to claim priority</p> <p>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))</p> <p>Name</p>	<p>in relation to this international application</p> <p>QUALCOMM Incorporated is entitled to claim priority of earlier application No. 60/542,496 by virtue of the following:</p>
VIII-3-1(i) i)		QUALCOMM Incorporated is entitled as employer of the inventor, BURROUGHS, Kirk
VIII-3-1(i) x)	This declaration is made for the purposes of:	all designations